

=> d his

(FILE 'HOME' ENTERED AT 14:17:44 ON 12 JUN 2002)

FILE 'REGISTRY' ENTERED AT 14:17:55 ON 12 JUN 2002

L1 STRUCTURE UPLOADED

L2 1 S L1

L3 18 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 14:18:34 ON 12 JUN 2002

L4 3 S L3

L5 2 S L4 AND PD < JULY 2000

L6 1 S L4 AND GOLDSTEIN, S?/AU

L7 2 S L3 NOT L6

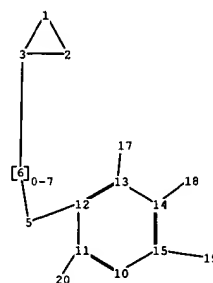
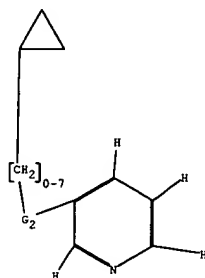
L8 2 S L5 NOT L6

FILE 'CAOLD' ENTERED AT 14:20:07 ON 12 JUN 2002

=> s 13

L9 0 L3

STN structure : 9888990k.str



chain nodes :

5 6 17 18 19 20

ring nodes :

1 2 3 10 11 12 13 14 15

chain bonds :

3-6 5-6 5-12 11-20 13-17 14-18 15-19

ring bonds :

1-2 1-3 2-3 10-11 10-15 11-12 12-13 13-14 14-15

exact/norm bonds :

1-2 1-3 2-3 5-6 5-12

exact bonds :

3-6 11-20 13-17 14-18 15-19

normalized bonds :

10-11 10-15 11-12 12-13 13-14 14-15

isolated ring systems :

containing 10 :

G2:O,S

G3:CH3,Et,H

Match level :

1:Atom 2:Atom 3:Atom 5:CLASS 6:CLASS 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom  
15:Atom 17:CLASS 18:CLASS 19:CLASS 20:CLASS

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal612BXR

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

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NEWS 2	Jan 25	BLAST(R) searching in REGISTRY available in STN on the Web
NEWS 3	Jan 29	FSTA has been reloaded and moves to weekly updates
NEWS 4	Feb 01	DKILIT now produced by FIZ Karlsruhe and has a new update frequency
NEWS 5	Feb 19	Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS 6	Mar 08	Gene Names now available in BIOSIS
NEWS 7	Mar 22	TOXLIT no longer available
NEWS 8	Mar 22	TRCTHERMO no longer available
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NEWS 15	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
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NEWS 17	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 18	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 19	Jun 03	New e-mail delivery for search results now available
NEWS 20	Jun 10	MEDLINE Reload
NEWS 21	Jun 10	PCTFULL has been reloaded
NEWS EXPRESS		February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS		STN Operating Hours Plus Help Desk Availability
NEWS INTER		General Internet Information
NEWS LOGIN		Welcome Banner and News Items
NEWS PHONE		Direct Dial and Telecommunication Network Access to STN
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=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

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STRUCTURE FILE UPDATES: 10 JUN 2002 HIGHEST RN 428438-29-3  
 DICTIONARY FILE UPDATES: 10 JUN 2002 HIGHEST RN 428438-29-3

TSCA INFORMATION NOW CURRENT THROUGH January 7, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

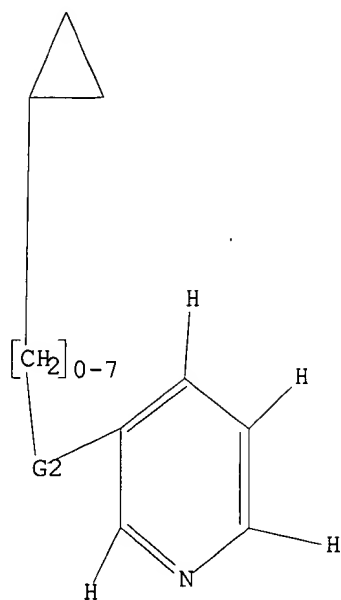
Uploading 9888990k.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1

G2 O,S

G3 Me,Et,H

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 14:18:18 FILE 'REGISTRY'  
 SAMPLE SCREEN SEARCH COMPLETED - 3101 TO ITERATE

32.2% PROCESSED 1000 ITERATIONS  
 INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
 SEARCH TIME: 00.00.01

1 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
 BATCH \*\*COMPLETE\*\*  
 PROJECTED ITERATIONS: 58682 TO 65358  
 PROJECTED ANSWERS: 1 TO 167

L2 1 SEA SSS SAM L1

=> s l1 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 139.90 U.S. DOLLARS  
 DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 14:18:28 FILE 'REGISTRY'  
 FULL SCREEN SEARCH COMPLETED - 61833 TO ITERATE

100.0% PROCESSED 61833 ITERATIONS  
 SEARCH TIME: 00.00.03

18 ANSWERS

L3 18 SEA SSS FUL L1

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	140.28	140.49

FILE 'HCAPLUS' ENTERED AT 14:18:34 ON 12 JUN 2002  
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FILE COVERS 1907 - 12 Jun 2002 VOL 136 ISS 24  
 FILE LAST UPDATED: 10 Jun 2002 (20020610/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s l3

L4 3 L3

=> s l4 and pd < july 2000

20498039 PD < JULY 2000  
 (PD<20000700)

L5 2 L4 AND PD < JULY 2000

=> s l4 and goldstein, s?/au

968 GOLDSTEIN, S?/AU  
 L6 1 L4 AND GOLDSTEIN, S?/AU

=> d l6, ibib abs fhitr, 1

L6 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:31042 HCAPLUS

DOCUMENT NUMBER: 136:85625

TITLE: 1,1- and 1,2-disubstituted cyclopropanes, process for their preparation and pharmaceutical compositions thereof

INVENTOR(S): **Goldstein, Solo**; Guillonneau, Claude; Charton, Yves; Lockhart, Brian; Lestage, Pierre

PATENT ASSIGNEE(S): Les Laboratoires Servier, Fr.

SOURCE: Eur. Pat. Appl., 49 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

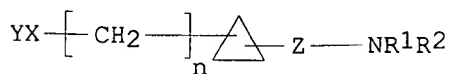
LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1170281	A1	20020109	EP 2001-401677	20010626
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
FR 2810664	A1	20011228	FR 2000-8203	20000627
JP 2002069046	A2	20020308	JP 2001-191541	20010625
NO 2001003206	A	20011228	NO 2001-3206	20010626
US 2002022643	A1	20020221	US 2001-888990	20010626
CN 1330067	A	20020109	CN 2001-121831	20010627
PRIORITY APPLN. INFO.:			FR 2000-8203	A 20000627
OTHER SOURCE(S):			CASREACT 136:85625; MARPAT 136:85625	

GI



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AB Compds. I [Z = (CH<sub>2</sub>)<sub>p</sub>; p = 0 - 6; n = 0 - 6; R<sub>1</sub>, R<sub>2</sub> = H, linear or branched C1-6-alkyl, aryl, linear or branched C1-6-arylalkyl; R<sub>1</sub>R<sub>2</sub>N = satd. mono- or bicyclic 3 - 10 membered ring with an optional O, S or second N; X = O, S, CH:CH, CH<sub>2</sub>, HC:NO, OCH<sub>2</sub>CH:CH; Y = aryl, heteroaryl, linear or branched C1-6-arylalkyl, C1-6-heteroarylalkyl, C(:O)A, C(:S)A;

A = linear or branched C1-6-alkyl, aryl, heteroaryl, linear or branched C1-6-arylalkyl, NR<sub>3</sub>R<sub>4</sub>; R<sub>3</sub>, R<sub>4</sub> = H, linear or branched C1-6-alkyl, aryl, linear or branched C1-6-arylalkyl; R<sub>3</sub>R<sub>4</sub>N = satd. mono- or bicyclic 3 - 10 membered ring] their optical isomers and their pharmaceutically acceptable

salts are useful for treatment of memory assocd. diseases. Thus, (.+-.)-cis-2-(dimethylamino)cyclopropyl acetate was prepd. from 2-(vinylloxy)tetrahydropyran over 9 steps via a rhodium-catalyzed cyclopropanation. I were tested for nicotinic (K<sub>i</sub> = 10 - 100 nM for .alpha.4.beta.2) and muscarinic (K<sub>i</sub> = 10 .mu.M) receptor binding.

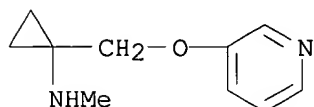
IT 387844-59-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of 1,1- and 1,2-disubstituted cyclopropanes useful for treatment of memory assocd. diseases)

RN 387844-59-9 HCAPLUS

CN Cyclopropanamine, N-methyl-1-[(3-pyridinyloxy)methyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

=&gt; d his

(FILE 'HOME' ENTERED AT 14:17:44 ON 12 JUN 2002)

FILE 'REGISTRY' ENTERED AT 14:17:55 ON 12 JUN 2002

L1 STRUCTURE UPLOADED

L2 1 S L1

L3 18 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 14:18:34 ON 12 JUN 2002

L4 3 S L3

L5 2 S L4 AND PD &lt; JULY 2000

L6 1 S L4 AND GOLDSTEIN, S?/AU

=&gt; s l3 not l6

3 L3

L7 2 L3 NOT L6

=&gt; s l5 not l6

2 L5 NOT L6

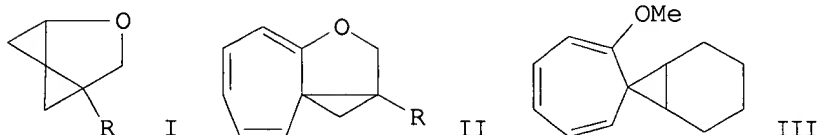
L8

=&gt; d l8, ibib abs fhitr, 1-2

L8 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1987:407025 HCAPLUS



DOCUMENT NUMBER: 107:7025  
 TITLE: Chemistry of gem-dihalocyclopropanes. XXII.  
 Intramolecular addition of cyclopropylidenes to  
 aliphatic and aromatic double bonds. A synthesis of  
 2-alkenyltropones  
 AUTHOR(S): Skattebol, Lars; Nilsen, Nils O.; Myhren, Finn  
 CORPORATE SOURCE: Dep. Chem., Univ. Oslo, Oslo, N-0315, Norway  
 SOURCE: Acta Chem. Scand., Ser. B (1986), B40(10),  
 782-90  
 CODEN: ACBOCV; ISSN: 0302-4369  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 107:7025  
 GI



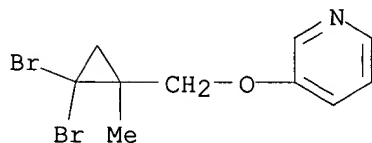
AB Substituted gem-dibromocyclopropanes contg. a vinylic or phenolic ether O .alpha. to the cyclopropane ring undergo intramol. cycloaddn. as well as ring opening to allenes when treated with MeLi. Cycloaddn. of derivs. with a vinyl ether moiety gave 2-oxatricycloheptanes I (R = H, Me), while the phenolic ethers gave 11-oxatricycloundecatrienes II (same R). The latter rearranged thermally to the corresponding 2-alkenyltropones. The proportion of cycloaddn. products depends on the reaction temp. Cycloaddn. of 7-bicyclo[4.1.0]heptylidene to PhOMe gave the methoxycycloheptatrienespirobicycloheptane III.

IT 108685-76-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. and intramol. elimination reaction of, allene from)

RN 108685-76-3 HCAPLUS

CN Pyridine, 3-[(2,2-dibromo-1-methylcyclopropyl)methoxy]- (9CI) (CA INDEX NAME)



L8 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1987:18245 HCAPLUS

DOCUMENT NUMBER: 106:18245

TITLE: Cephalosporin compounds as antibacterials

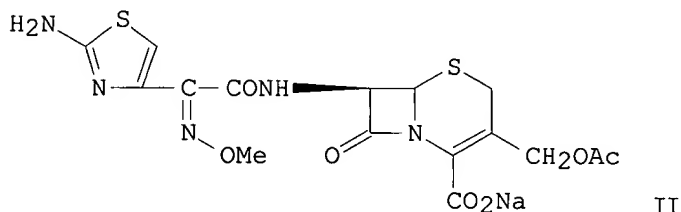
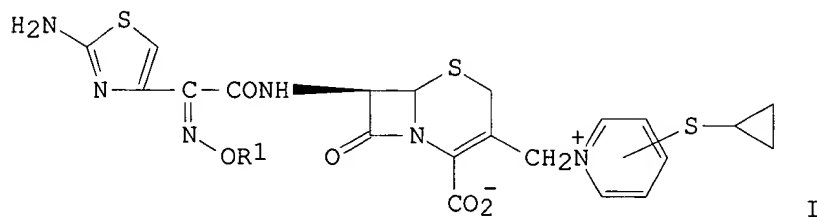
INVENTOR(S): Tsuruoka, Takashi; Nakabayashi, Akira; Katano,  
 Kiyooki; Iwamatsu, Katsuyoshi; Ogino, Hiroko;

Yoshida,

Takashi; Kai, Fumio; Inoue, Shigeharu  
 PATENT ASSIGNEE(S): Meiji Seika Kaisha, Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 61134391	A2	19860621	JP 1984-254518	19841201 <--
JP 02040073	B4	19900910		

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AB Cephalosporin derivs. (I; R1 = Me, Et, Pr, vinyl, alkyl, etc.), effective antibacterials at 0.025-6.25 .mu.g/mL, are prepd. Thus, 300 mg 4-cyclopropylthiopyridine and 1.5 g NaI were added to a soln. of 477 mg

II in aq. MeCN and heated at 70.degree. to give 50 mg (6R,7R,Z)-I (R1 = Me; cyclopropylthio in 4-position).

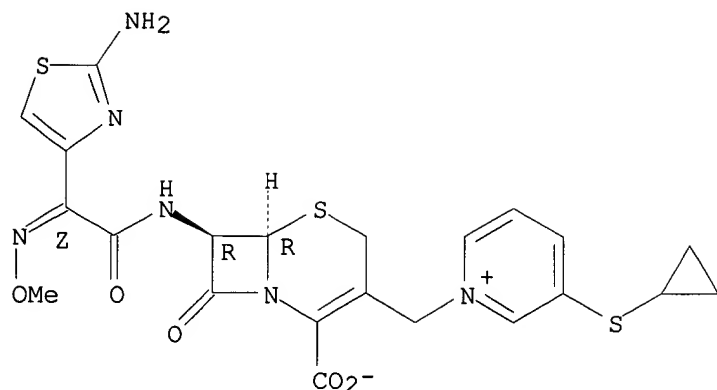
IT **105642-28-2P**

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)  
(prepn. of, as antibacterial)

RN 105642-28-2 HCAPLUS

CN Pyridinium, 1-[[7-[[[(2-amino-4-thiazolyl)(methoxyimino)acetyl]amino]-2-carboxy-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-3-(cyclopropylthio)-, inner salt, [6R-[6.alpha.,7.beta.(Z)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.  
Double bond geometry as shown.



=> file caold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	19.58	160.07
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.86	-1.86

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FILE COVERS 1907-1966  
 FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> d his

(FILE 'HOME' ENTERED AT 14:17:44 ON 12 JUN 2002)

FILE 'REGISTRY' ENTERED AT 14:17:55 ON 12 JUN 2002

```

L1          STRUCTURE UPLOADED
L2          1 S L1
L3          18 S L1 FULL

```

FILE 'HCAPLUS' ENTERED AT 14:18:34 ON 12 JUN 2002

L4 3 S L3  
L5 2 S L4 AND PD < JULY 2000  
L6 1 S L4 AND GOLDSTEIN, S?/AU  
L7 2 S L3 NOT L6  
L8 2 S L5 NOT L6

FILE 'CAOLD' ENTERED AT 14:20:07 ON 12 JUN 2002

=> s 13

L9 0 L3

=>

---Logging off of STN---

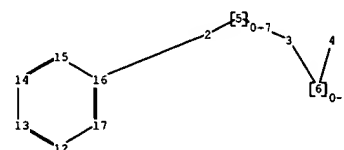
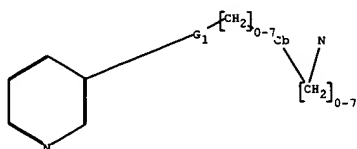
=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.38	160.45
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.86

STN INTERNATIONAL LOGOFF AT 14:20:22 ON 12 JUN 2002



chain nodes :

2 3 4 5 6

ring nodes :

12 13 14 15 16 17

chain bonds :

2-5 2-16 3-5 3-6 4-6

ring bonds :

12-13 12-17 13-14 14-15 15-16 16-17

exact/norm bonds :

2-5 2-16

exact bonds :

3-5 3-6 4-6

normalized bonds :

12-13 12-17 13-14 14-15 15-16 16-17

isolated ring systems :

containing 12 :

G1:O,S

G2:H,CH3,Et

Match level :

2:CLASS 3:Atom 4:CLASS 5:CLASS 6:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom  
17:Atom

Generic attributes :

3:

Saturation : Saturated

Number of Carbon Atoms : less than 7

Type of Ring System : Monocyclic

=> d his

(FILE 'HOME' ENTERED AT 15:15:26 ON 12 JUN 2002)

FILE 'REGISTRY' ENTERED AT 15:15:31 ON 12 JUN 2002

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 18 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 15:16:06 ON 12 JUN 2002

L4 1 S L3

FILE 'CAOLD' ENTERED AT 15:16:26 ON 12 JUN 2002

=> s 13

L5 0 L3

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LOGINID:sssptal612BXR

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

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NEWS	2	Jan 25	BLAST(R) searching in REGISTRY available in STN on the Web
NEWS	3	Jan 29	FSTA has been reloaded and moves to weekly updates
NEWS	4	Feb 01	DKILIT now produced by FIZ Karlsruhe and has a new update frequency
NEWS	5	Feb 19	Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS	6	Mar 08	Gene Names now available in BIOSIS
NEWS	7	Mar 22	TOXLIT no longer available
NEWS	8	Mar 22	TRCTHERMO no longer available
NEWS	9	Mar 28	US Provisional Priorities searched with P in CA/CAPLUS and USPATFULL
NEWS	10	Mar 28	LIPINSKI/CALC added for property searching in REGISTRY
NEWS	11	Apr 02	PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.
NEWS	12	Apr 08	"Ask CAS" for self-help around the clock
NEWS	13	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	14	Apr 09	ZDB will be removed from STN
NEWS	15	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS	16	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	17	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	18	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	19	Jun 03	New e-mail delivery for search results now available
NEWS	20	Jun 10	MEDLINE Reload
NEWS	21	Jun 10	PCTFULL has been reloaded
NEWS EXPRESS			February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 15:15:26 ON 12 JUN 2002

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:15:31 ON 12 JUN 2002  
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STRUCTURE FILE UPDATES: 10 JUN 2002 HIGHEST RN 428438-29-3  
 DICTIONARY FILE UPDATES: 10 JUN 2002 HIGHEST RN 428438-29-3

TSCA INFORMATION NOW CURRENT THROUGH January 7, 2002

Please note that search-term pricing does apply when  
 conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES  
 for more information. See STNote 27, Searching Properties in the CAS  
 Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

Uploading 9888990b.str

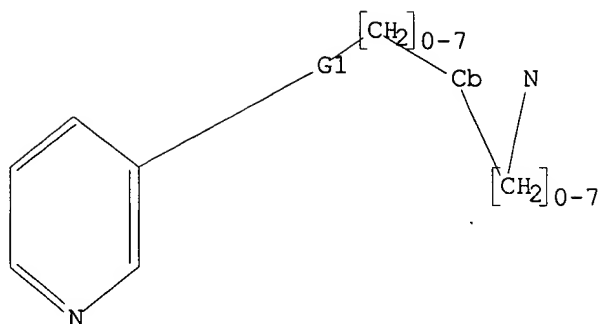
L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR





G1 O,S

G2 H,Me,Et

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 15:15:49 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 2446 TO ITERATE

40.9% PROCESSED 1000 ITERATIONS 0 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 45955 TO 51885  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 139.90 U.S. DOLLARS  
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 15:15:56 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 48332 TO ITERATE

100.0% PROCESSED 48332 ITERATIONS 18 ANSWERS  
SEARCH TIME: 00.00.05

L3 18 SEA SSS FUL L1

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	140.28	140.49

FILE 'HCAPLUS' ENTERED AT 15:16:06 ON 12 JUN 2002

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FILE COVERS 1907 - 12 Jun 2002 VOL 136 ISS 24  
 FILE LAST UPDATED: 11 Jun 2002 (20020611/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s 13

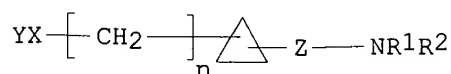
L4 1 L3

=> d l4, ibib abs hitstr, 1

L4 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2002:31042 HCAPLUS  
 DOCUMENT NUMBER: 136:85625  
 TITLE: 1,1- and 1,2-disubstituted cyclopropanes, process for their preparation and pharmaceutical compositions thereof  
 INVENTOR(S): Goldstein, Solo; Guillonneau, Claude; Charton, Yves; Lockhart, Brian; Lestage, Pierre  
 PATENT ASSIGNEE(S): Les Laboratoires Servier, Fr.  
 SOURCE: Eur. Pat. Appl., 49 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1170281	A1	20020109	EP 2001-401677	20010626
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
FR 2810664	A1	20011228	FR 2000-8203	20000627
JP 2002069046	A2	20020308	JP 2001-191541	20010625

NO 2001003206 A 20011228 NO 2001-3206 20010626  
 US 2002022643 A1 20020221 US 2001-888990 20010626  
 CN 1330067 A 20020109 CN 2001-121831 20010627  
 PRIORITY APPLN. INFO.: FR 2000-8203 A 20000627  
 OTHER SOURCE(S): CASREACT 136:85625; MARPAT 136:85625  
 GI



I

AB Compds. I [Z = (CH<sub>2</sub>)<sub>p</sub>; p = 0 - 6; n = 0 - 6; R<sub>1</sub>, R<sub>2</sub> = H, linear or branched C1-6-alkyl, aryl, linear or branched C1-6-arylalkyl; R<sub>1</sub>R<sub>2</sub>N = satd. mono- or bicyclic 3 - 10 membered ring with an optional O, s or second N; X = O, S, CH:CH, CH<sub>2</sub>, HC:NO, OCH<sub>2</sub>CH:CH; Y = aryl, heteroaryl, linear or branched C1-6-arylalkyl, C1-6-heteroarylalkyl, C(:O)A, C(:S)A;

A = linear or branched C1-6-alkyl, aryl, heteroaryl, linear or branched C1-6-arylalkyl, NR<sub>3</sub>R<sub>4</sub>; R<sub>3</sub>, R<sub>4</sub> = H, linear or branched C1-6-alkyl, aryl, linear or branched C1-6-arylalkyl; R<sub>3</sub>R<sub>4</sub>N = satd. mono- or bicyclic 3 - 10 membered ring] their optical isomers and their pharmaceutically acceptable

salts are useful for treatment of memory assocd. diseases. Thus, (.+-.)-cis-2-(dimethylamino)cyclopropyl acetate was prepd. from 2-(vinylloxy)tetrahydropyran over 9 steps via a rhodium-catalyzed cyclopropanation. I were tested for nicotinic (K<sub>i</sub> = 10 - 100 nM for .alpha.4.beta.2) and muscarinic (K<sub>i</sub> = 10 .mu.M) receptor binding.

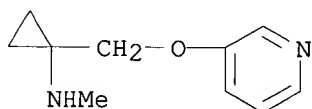
IT 387844-59-9P 387844-60-2P 387844-61-3P  
 387844-63-5P 387844-64-6P 387844-65-7P  
 387844-72-6P 387844-82-8P 387844-91-9P  
 387844-92-0P 387844-94-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of 1,1- and 1,2-disubstituted cyclopropanes useful for treatment of memory assocd. diseases)

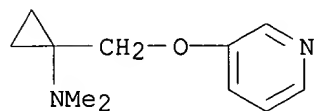
RN 387844-59-9 HCAPLUS

CN Cyclopropanamine, N-methyl-1-[(3-pyridinyloxy)methyl]-, monohydrochloride (9CI) (CA INDEX NAME)



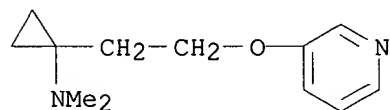
● HCl

RN 387844-60-2 HCAPLUS  
 CN Cyclopropanamine, N,N-dimethyl-1-[(3-pyridinyloxy)methyl]-,  
 monohydrochloride (9CI) (CA INDEX NAME)



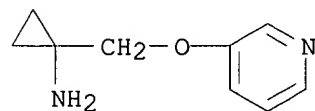
● HCl

RN 387844-61-3 HCAPLUS  
 CN Cyclopropanamine, N,N-dimethyl-1-[2-(3-pyridinyloxy)ethyl]-,  
 dihydrochloride (9CI) (CA INDEX NAME)



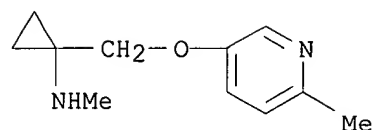
● 2 HCl

RN 387844-63-5 HCAPLUS  
 CN Cyclopropanamine, 1-[(3-pyridinyloxy)methyl]-, dihydrochloride (9CI) (CA  
 INDEX NAME)



● 2 HCl

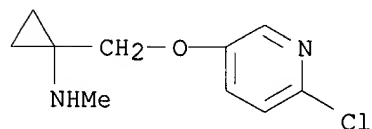
RN 387844-64-6 HCAPLUS  
 CN Cyclopropanamine, N-methyl-1-[[[(6-methyl-3-pyridinyl)oxy]methyl]-,  
 monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 387844-65-7 HCAPLUS

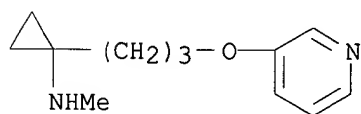
CN Cyclopropanamine, 1-[[ (6-chloro-3-pyridinyl)oxy]methyl]-N-methyl-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 387844-72-6 HCAPLUS

CN Cyclopropanamine, N-methyl-1-[3-(3-pyridinyloxy)propyl]-, dihydrochloride (9CI) (CA INDEX NAME)



● 2 HCl

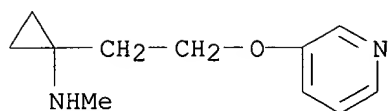
RN 387844-82-8 HCAPLUS

CN Cyclopropanamine, N-methyl-1-[2-(3-pyridinyloxy)ethyl]-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 387844-81-7

CMF C11 H16 N2 O



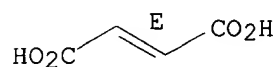
CM 2

CRN 110-17-8

CMF C4 H4 O4

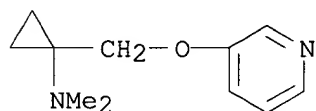
CDES 2:E

Double bond geometry as shown.



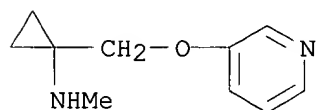
RN 387844-91-9 HCAPLUS

CN Cyclopropanamine, N,N-dimethyl-1-[(3-pyridinyloxy)methyl]- (9CI) (CA INDEX NAME)



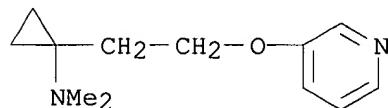
RN 387844-92-0 HCAPLUS

CN Cyclopropanamine, N-methyl-1-[(3-pyridinyloxy)methyl]- (9CI) (CA INDEX NAME)



RN 387844-94-2 HCAPLUS

CN Cyclopropanamine, N,N-dimethyl-1-[2-(3-pyridinyloxy)ethyl]- (9CI) (CA INDEX NAME)



IT 387845-55-8P 387845-56-9P 387845-57-0P

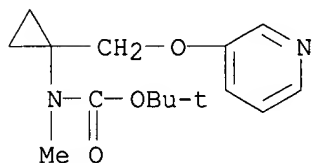
387845-58-1P 387845-61-6P 387845-64-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of 1,1- and 1,2-disubstituted cyclopropanes useful for treatment of memory assocd. diseases)

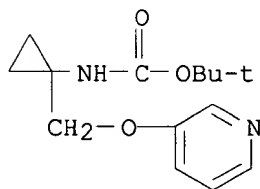
RN 387845-55-8 HCAPLUS

CN Carbamic acid, methyl[1-[(3-pyridinyloxy)methyl]cyclopropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



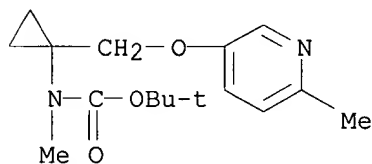
RN 387845-56-9 HCAPLUS

CN Carbamic acid, [1-[(3-pyridinyloxy)methyl]cyclopropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



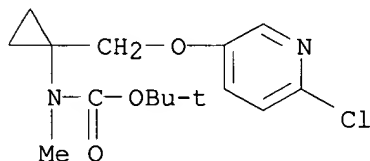
RN 387845-57-0 HCAPLUS

CN Carbamic acid, methyl[1-[[[(6-methyl-3-pyridinyl)oxy]methyl]cyclopropyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

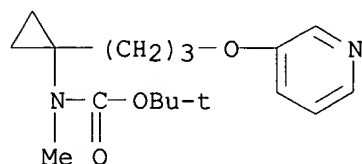


RN 387845-58-1 HCAPLUS

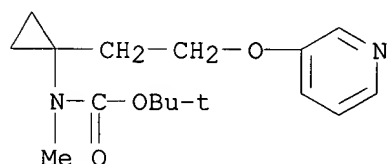
CN Carbamic acid, [1-[[[(6-chloro-3-pyridinyl)oxy]methyl]cyclopropyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 387845-61-6 HCAPLUS  
 CN Carbamic acid, methyl[1-[3-(3-pyridinyloxy)propyl]cyclopropyl]-,  
 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



RN 387845-64-9 HCAPLUS  
 CN Carbamic acid, methyl[1-[2-(3-pyridinyloxy)ethyl]cyclopropyl]-,  
 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE  
 FORMAT

=> file caold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	6.53	147.02
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.62	-0.62

FILE 'CAOLD' ENTERED AT 15:16:26 ON 12 JUN 2002  
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FILE COVERS 1907-1966  
 FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate  
 substance identification. Title keywords, authors, patent  
 assignees, and patent information, e.g., patent numbers, are  
 now searchable from 1907-1966. TIFF images of CA abstracts  
 printed between 1907-1966 are available in the PAGE  
 display formats.



This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> d his

(FILE 'HOME' ENTERED AT 15:15:26 ON 12 JUN 2002)

FILE 'REGISTRY' ENTERED AT 15:15:31 ON 12 JUN 2002

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 18 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 15:16:06 ON 12 JUN 2002

L4 1 S L3

FILE 'CAOLD' ENTERED AT 15:16:26 ON 12 JUN 2002

=> s l3

L5 0 L3

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.38	147.40

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-0.62

CA SUBSCRIBER PRICE

STN INTERNATIONAL LOGOFF AT 15:16:48 ON 12 JUN 2002